

# 2003 Mississippi Youth Tobacco Survey

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## **Purpose**

The Youth Tobacco Survey (YTS) was developed to enhance the capacity of states to design, implement, and evaluate their own tobacco prevention and control programs. The YTS comprises a state approved core questionnaire designed to gather data on seven topics:

- prevalence of tobacco use among young people
- tobacco-related knowledge and attitudes of young people and their parents
- role of the media and advertising in young people's use of tobacco
- minor's access to tobacco
- tobacco-related school curriculum
- environmental tobacco smoke (ETS) exposure at home and in automobiles
- likelihood of cessation of tobacco use

The Mississippi Tobacco Pilot Program was implemented in 1998 with funds received as a result of the state's lawsuit against tobacco companies and a court order placed the funds in escrow for the development of a youth-focused pilot program.

As directed by the settlement agreement and order of the court, the Attorney General began developing a plan for a two-year pilot program to reduce teen tobacco use. The Partnership for a Healthy Mississippi was created as a private-public partnership to eliminate tobacco use through advocacy, education, evaluation, awareness, enforcement, research, and service. Four areas were slated for funding under the Partnership:

- Community/School/Youth Partnerships
- Law Enforcement
- Public Awareness
- Healthcare Services and Research

The 1998 Mississippi YTS represents baseline data collected prior to implementation of the program activities. Subsequent YTS will provide a measure of program effectiveness in preventing and reducing youth tobacco use and in changing attitudes toward tobacco and tobacco-related behaviors.

## **Sample Design and Methodology**

The YTS uses a two-stage sample design.

**Stage 1:** Schools are selected systematically with probability proportional to enrollment size (PPS) using random start. In Mississippi, separate samples are drawn for public high schools, private high schools, public middle schools, and private middle schools.

**Stage 2:** Systematic equal probability sampling with a random start was used to select classes from each school that participated in the survey. All students in each selected class are eligible for participation in the survey.

Separate school and student response rates are calculated for each survey. The overall response rate is calculated as the product of the school-and student response rate. The YTS uses a 60 percent overall response rate as the minimum criteria for being representative of a population. All of the YTS surveys through year 2000 have reached the minimum overall rate of 60 percent. Mississippi is the only state that has attempted a separate private high school YTS, which yielded representative data in years 1998 through 2000, and in 2000 a separate private middle school YTS which also yielded representative data. The Partnership for a Healthy Mississippi conducted the *Mississippi Social Climate Survey for Adolescents* in the fall of 2002. The sample was conducted in the same manner as the YTS by the CDC and many of the questions used were from the YTS while some were state specific. The overall response rates for public middle and high schools were above the minimum 60 percent.

For populations that reach the overall response rate of 60 percent, weight adjustments are made for the following:

$$W = W_1 * W_2 * f_1 * f_2 * f_3$$

$W_1$  = inverse of the probability of selecting the school;

$W_2$  = inverse of the probability of selecting the classroom within the school;

$f_1$  = a school-level non-response adjustment factor calculated by school size (small, medium, large);

$f_2$  = a student-level non-response adjustment factor calculated by class;

$f_3$  = a post stratification adjustment factor calculated by gender within grade.

The weighted results can be used to make inferences for all Mississippi students in the respective populations (public high school, private high school, public middle school, and private middle school).

## Definitions

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**95% Confidence Interval** means that the statistic calculated for 95 percent of samples of the same size taken in the same way would fall within this interval. For this survey, questions are forced into a binomial distribution by reducing the responses to two, a success and a failure. By doing this, the calculated confidence interval is the maximum possible width.

**Any Tobacco Use** refers to the use of cigarettes, smokeless tobacco, pipes, cigars, kreteks, or bidis or any combination of the above.

**Bidis (or “Beedies”)** are small brown cigarettes from India consisting of tobacco wrapped in a leaf, tied with a thread.

**Current Use** is defined as use of the tobacco product on one or more of the past thirty days.

**Ever Use** refers to having ever tried a tobacco product even just once. For example, an ever smoker has tried cigarettes, even if just one puff.

**Frequent Use** is defined as the use of a tobacco product on 20 or more of the past 30 days.

**Kreteks** are cigarettes containing tobacco and clover extract.

**Never Use** refers to having never tried a particular tobacco product. For example, a never smoker has never tried even a puff of a cigarette.

**Smoking Uptake Continuum Susceptibility Index** is the percent of students NOT susceptible or Never Smokers who answer “No” to “Do you think that you will try a cigarette soon” AND “Definitely Not” to “If one of your best friends offered you a cigarette, would you smoke it?” The compliment will be those that are susceptible. Never smokers, who are susceptible, are those likely to start soon.

The difference between two percents is considered **Statistically Significant** (also stated as “Significant” in this publication) if the 95% confidence intervals for the two percents do not overlap.

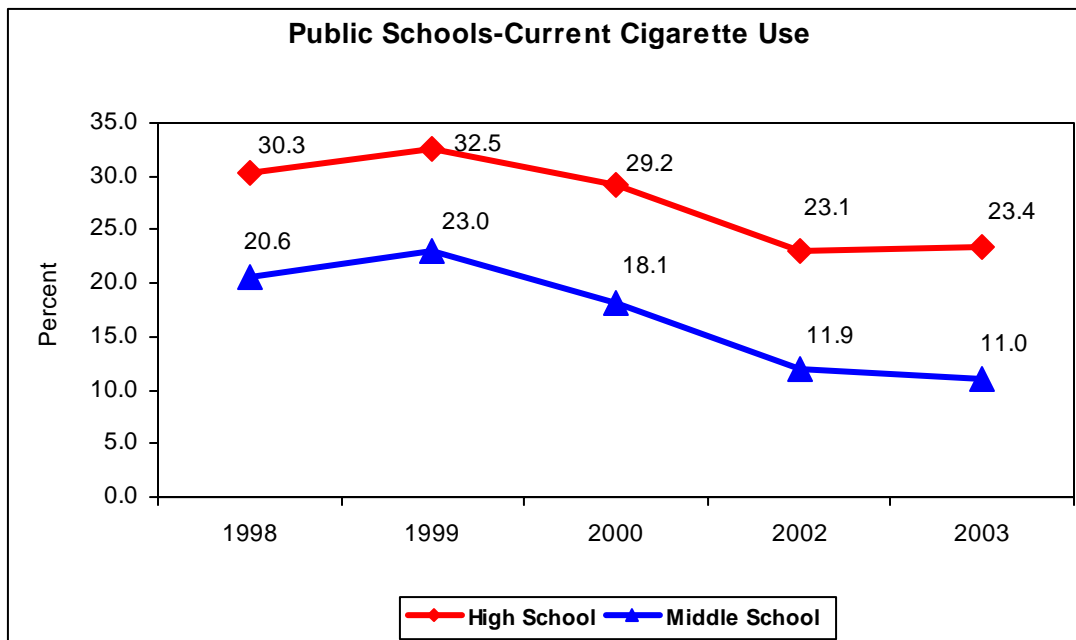
## Statistically Significant Differences

**YTS 2003 demonstrated many significant findings in tobacco use when compared to the prior survey in public and private high and middle schools. Some of these are listed below.**

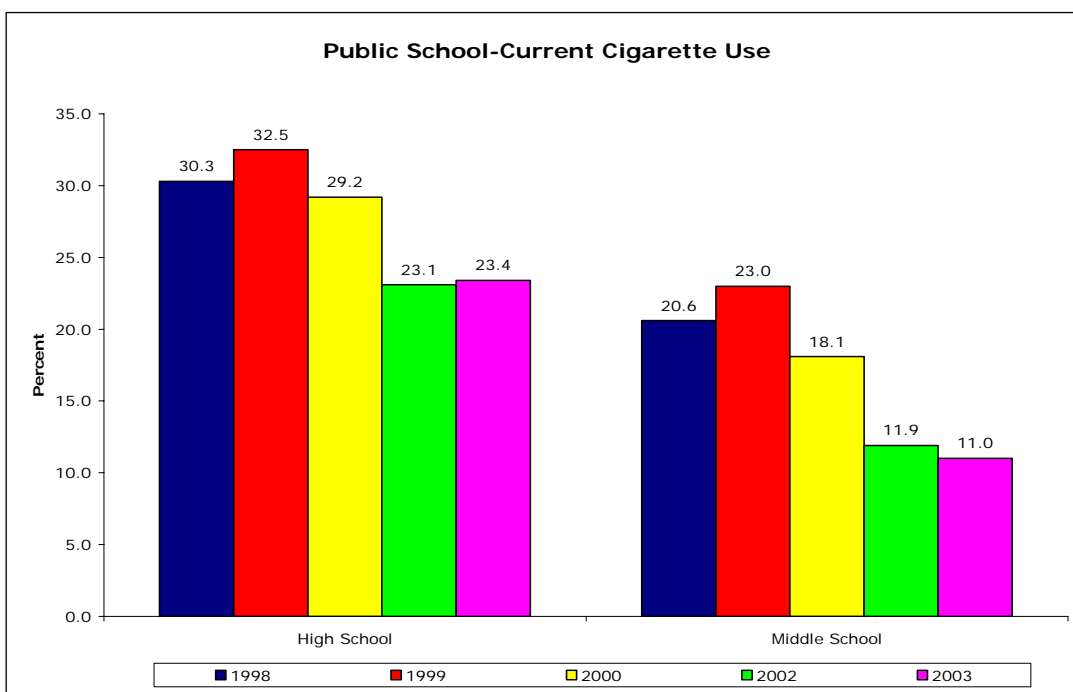
- Overall current cigarette use was significantly lower among all private high school students.
- Overall current cigarette use was significantly lower among private middle school students.
- Current cigarette use was significantly lower among private high school female and male students.
- Current cigarette use was significantly lower among white private high school students.
- Current cigarette use was significantly lower among tenth and eleventh grade private high school students.
- Current cigarette use was significantly lower among male private middle school students.
- Current cigarette use was significantly lower among white private middle school students.
- Current cigarette use was significantly lower among eighth grade private middle school students.
- Current smokeless tobacco use was significantly increased among black public high school students.
- Frequent cigarette use was significantly decreased among private high and middle school students.
- Frequent cigarette use was significantly decreased among seventh grade public middle school students.
- Frequent cigarette use was significantly decreased among female private high school students and male private middle school students.
- Significant decreases were reported in both public and private middle and high school students who reported being in the same room with someone who was smoking cigarettes on one or more of the past 7 days.
- Significant decreases were reported in both public and private middle and high school students who reported riding in a car with someone who was smoking cigarettes on one or more of the past 7 days.
- Public middle and private middle school students demonstrated significant decreases in those who believe it is safe to smoke for only one or two years as long as they quit after that.
- Public high school students who are current smokers reported a significant decrease in those who report wanting to stop smoking cigarettes.
- A significant decrease was found in the number of public middle school students who report being taught in any classes about tobacco use.
- A significant decrease was found among public middle school students who report living in a home where someone currently smokes.
- A significant decrease was found in public high school students who are current smokers who believe young people who smoke cigarettes have more friends.

## Public School Current Cigarette Use

- Findings from the 2003 YTS indicate 23.4% of public high school students currently smoke cigarettes.
- Of public middle school students, 11% report being current users of cigarettes.



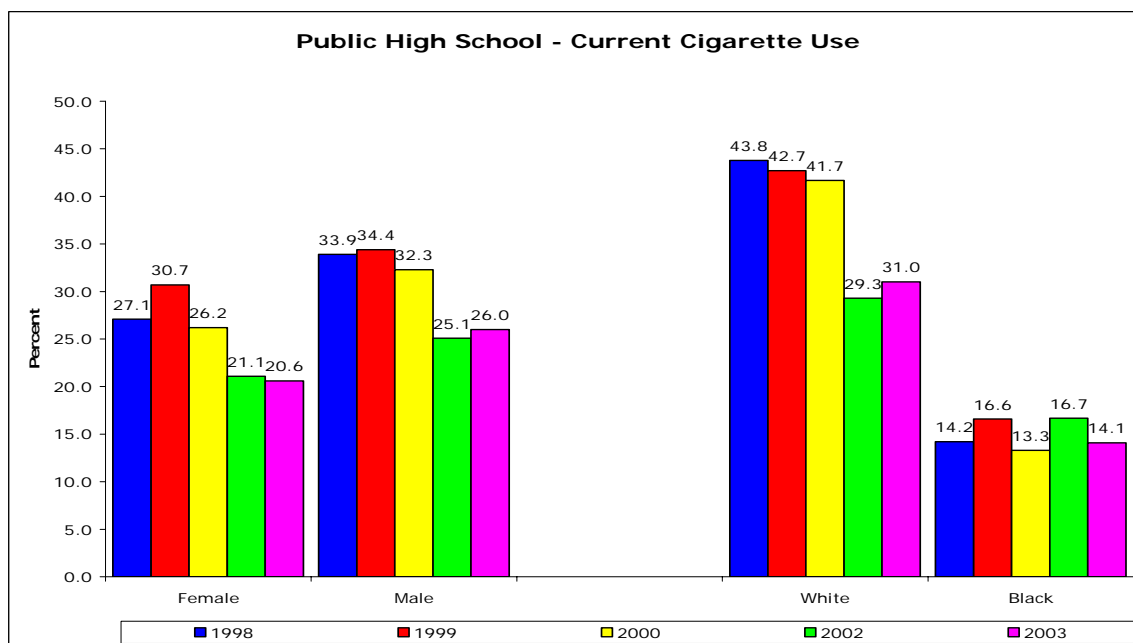
- Trends showing current cigarette use among public middle school students continue to decline from a high reached in 1999.
- Current cigarette smoking declined significantly from 1998 to 2003 for both public high school and public middle school.



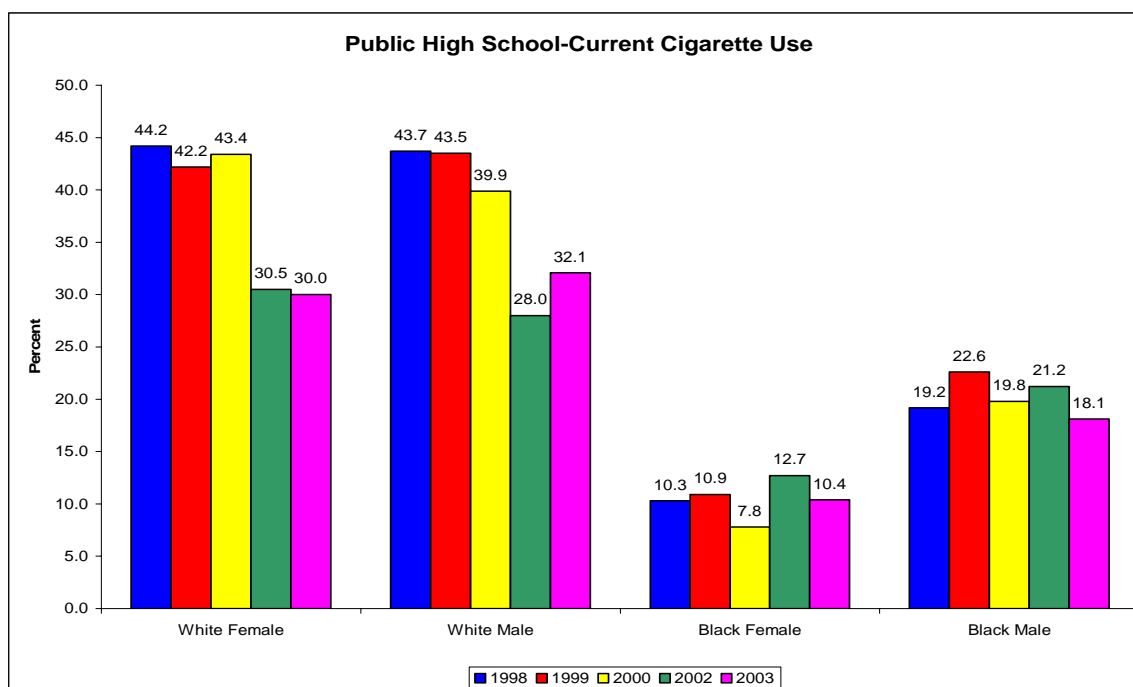


## Public High School Current Cigarette Use by Race and Gender

- White public high school students current cigarette use increased in 2003 to 31.0%. Black public high school students overall current cigarette use declined in 2003 to 14.1%.
- Female public high school student current cigarette use declined in 2003 to 20.6%, whereas male public high school student current cigarette use increased to 26.0%.

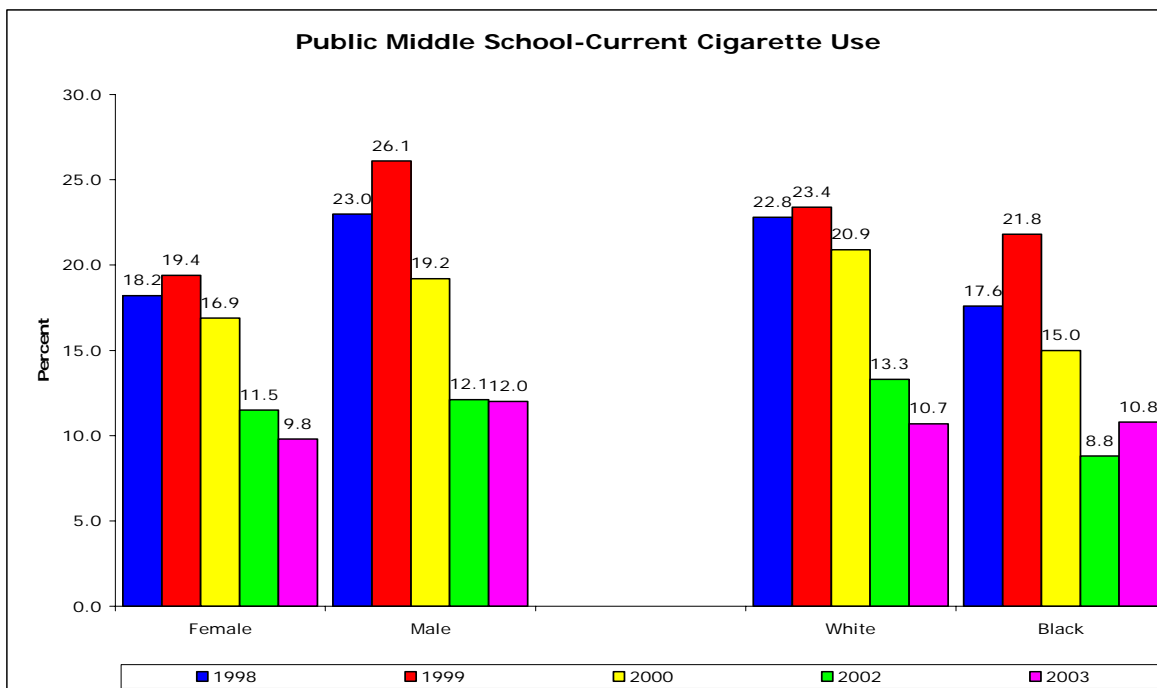


- Overall, black high school students report lower rates of current cigarette use than whites (10.4% of black females and 18.1% of black males.)

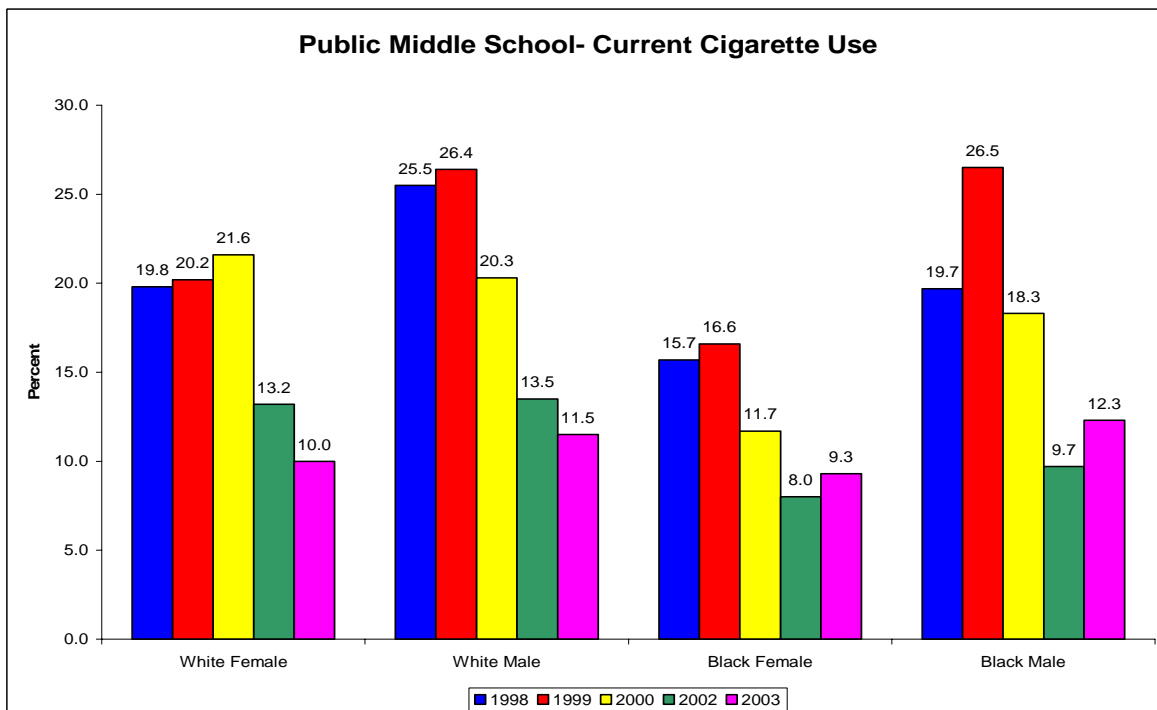


## Public Middle School Current Cigarette Use by Race and Gender

- Overall current cigarette use among public middle school students decreased in 2003.
- 10.8% of black public middle school students reported being current cigarette users in 2003. This represents an increase from the previous year in the black population.

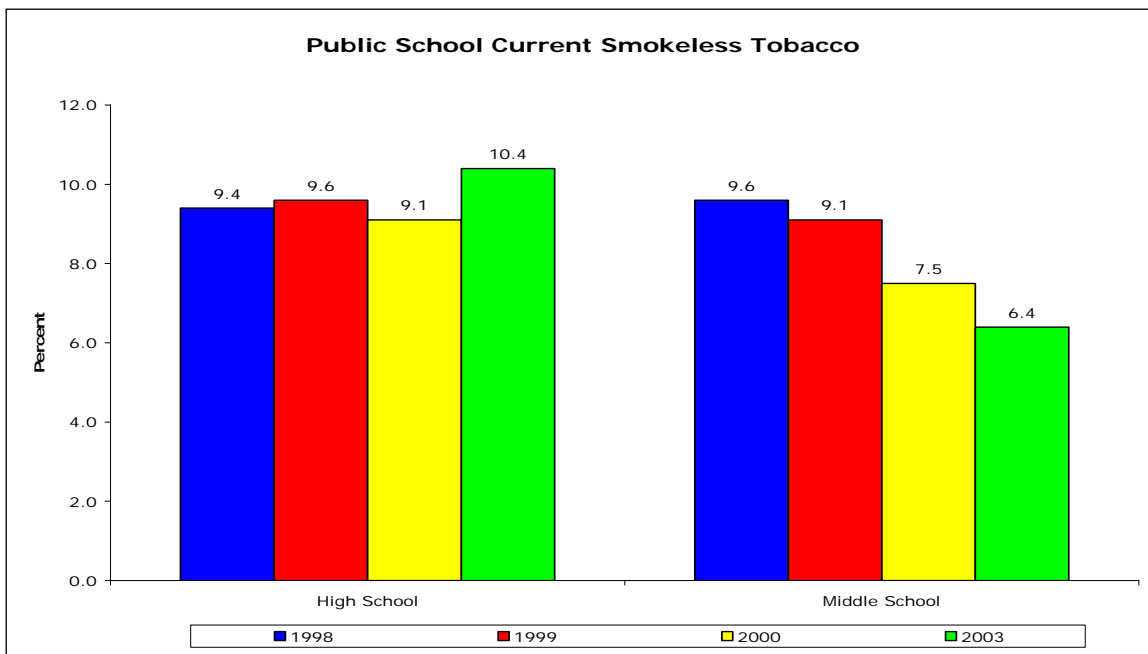


- 9.3% of black female public middle school students reported being current cigarette users. This represents an increase from 8.0% in the year 2002.
- 12.3% of black male public middle school students reported being current cigarette users in 2003. This represents an increase from 9.7% in the year 2002.

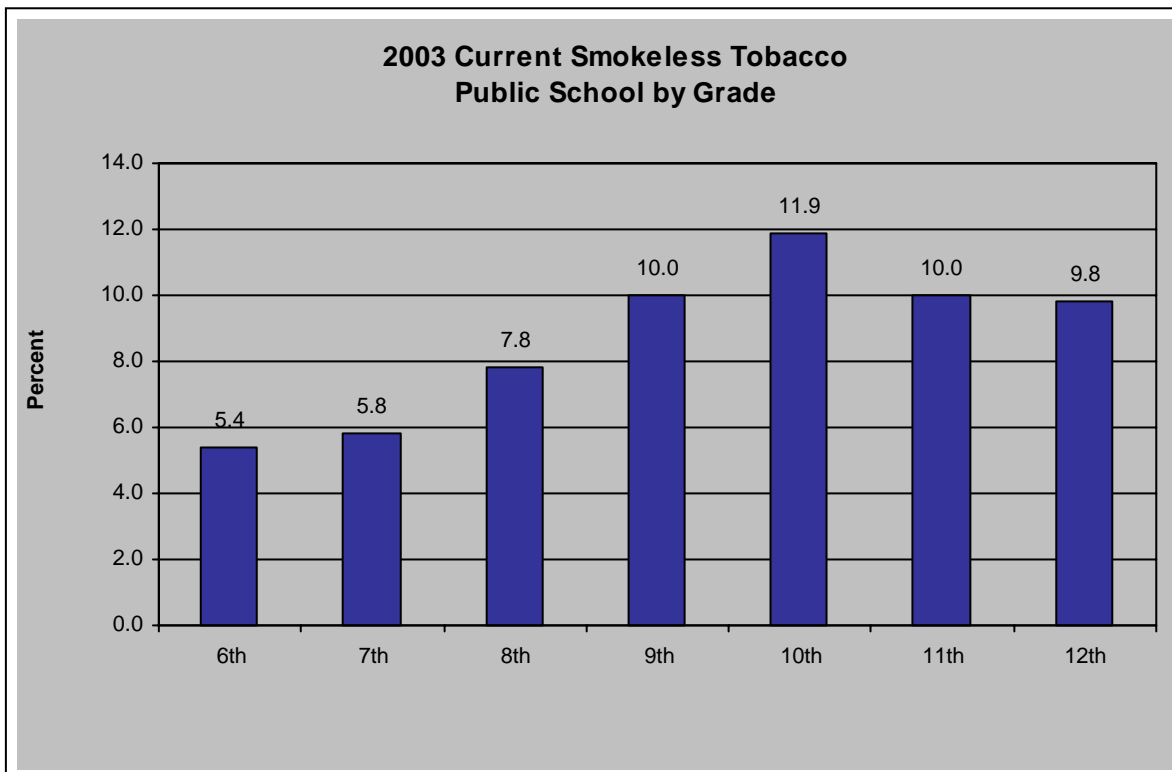


## Public School Current Smokeless Tobacco Use (SLT)

- Public high school smokeless tobacco use increased to 10.4% in the year 2003.
- Public middle school smokeless tobacco use continued to decline to an overall 6.4%.

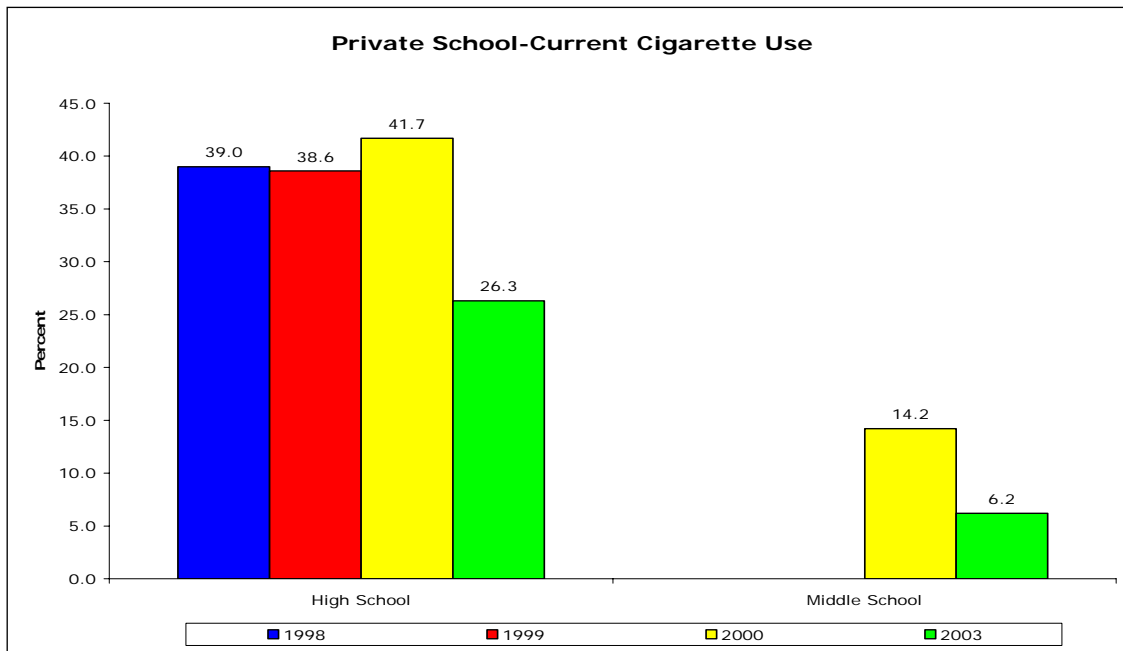


- Tenth grade public high school students report the highest rate of Smokeless Tobacco (SLT) use at 11.9%.



## Private School Current Cigarette Use

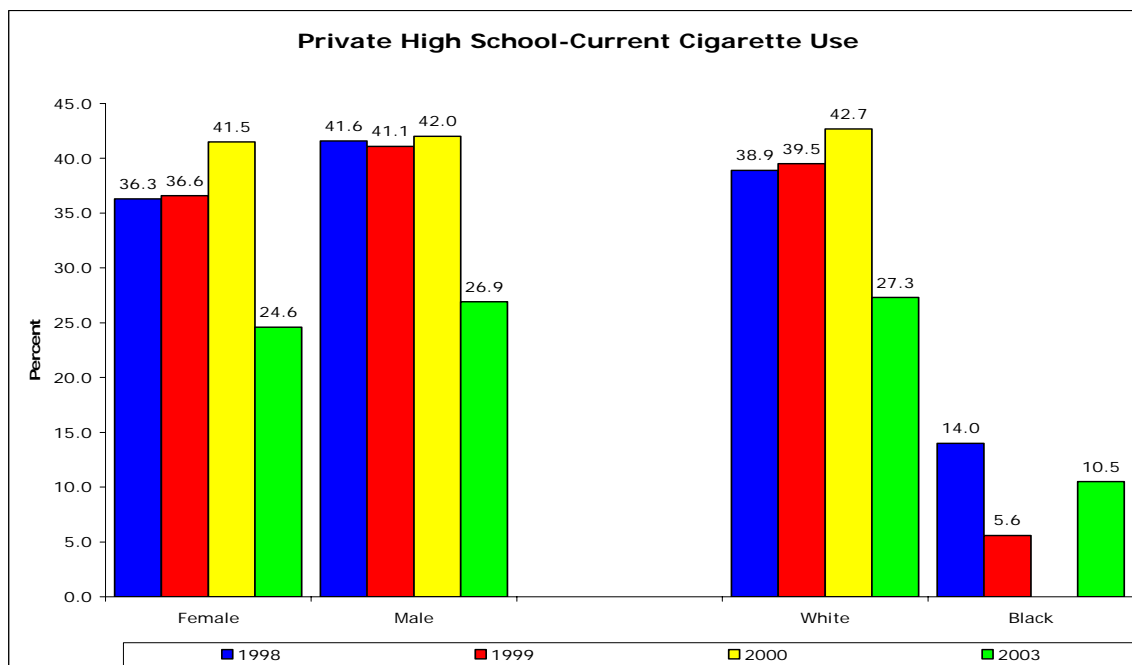
- Findings from the 2003 YTS indicate a significant decrease in current cigarette use by private high school students to 26.3%.
- Findings also indicate a significant decrease in current cigarette use by private middle school students to 6.2%.



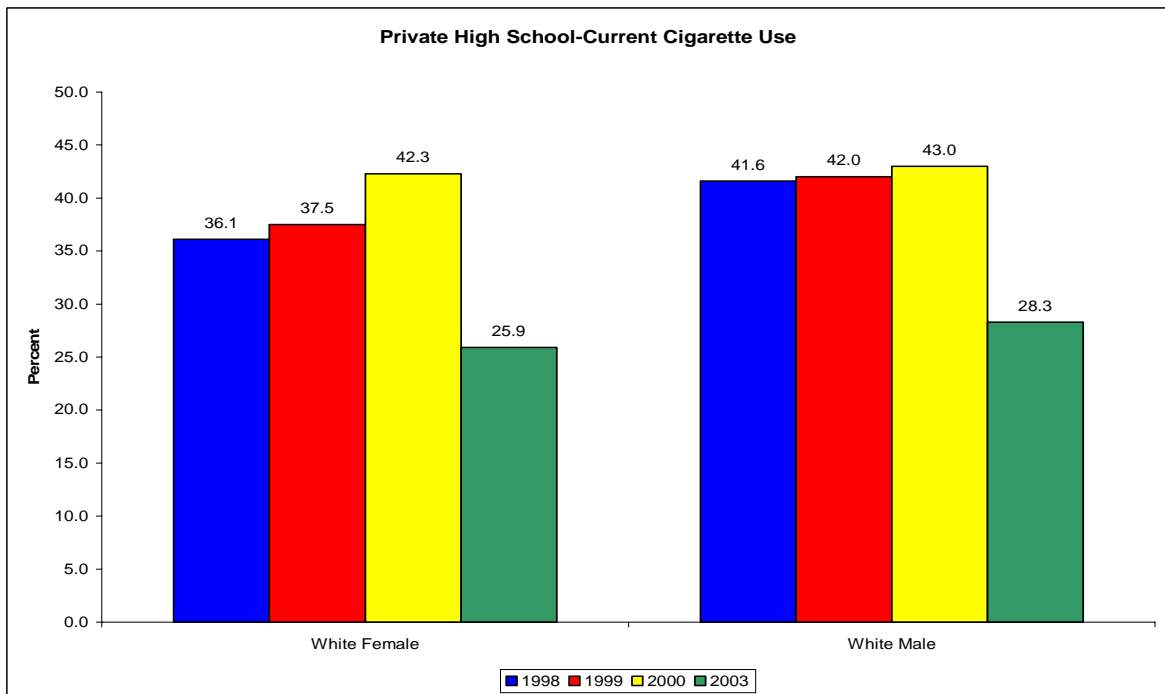
\*2000 first year for representative data in private middle schools

## Private High School Current Cigarette Use by Race and Gender

- Current cigarette use in white private high school students demonstrated a significant decrease in 2003 to 27.3%. Black private high school students current cigarette use increased to from 5.6% (1999) to 10.5% in 1999. (*\*2000 results unstable due to insufficient number of students*).

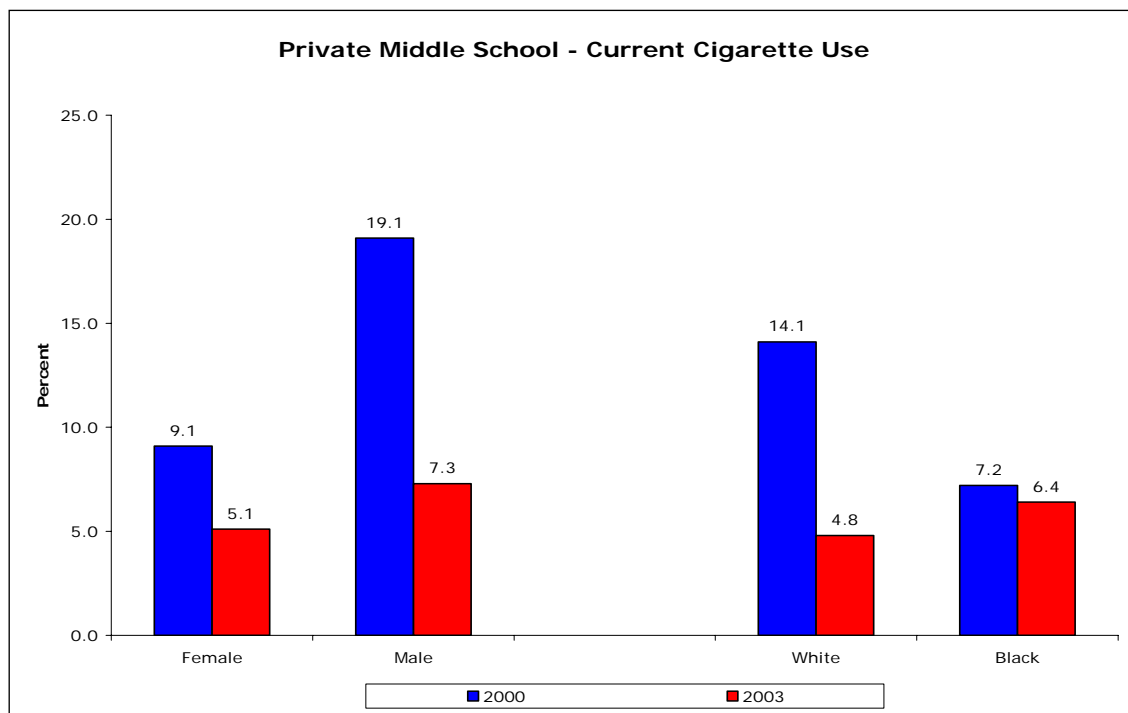


- White female private high school student current cigarette use declined in 2003 to 25.9%.
- White male private high school student current cigarette use decreased to 28.3%.

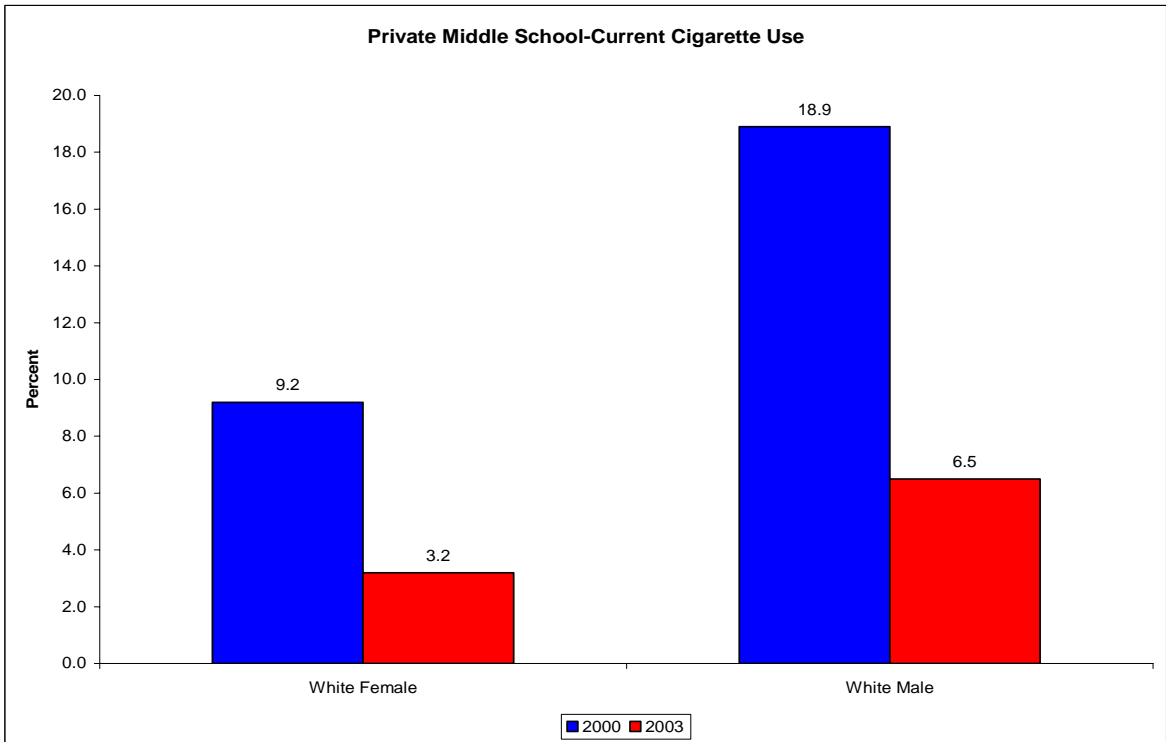


### Private Middle School Current Cigarette Use by Race and Gender

- Female private middle school student current cigarette use declined in 2003 to 5.1%.
- Male private middle school student current cigarette use decreased to 7.3%. This was a significant decrease from a high of 19.1% in 2000.

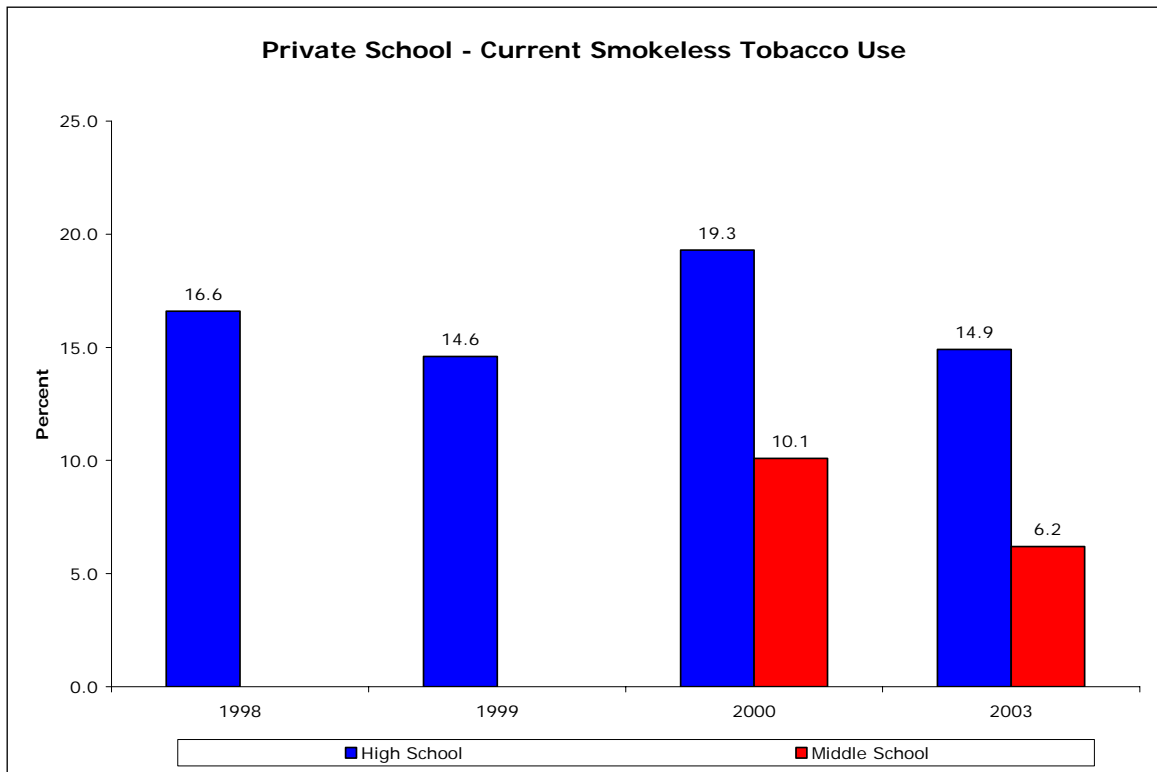


- White male private middle school student current cigarette use demonstrated a decline in use from 18.9% to 6.5% in 2003.
- White female private middle school student current cigarette use decreased to 3.2%.



### Private School Current Smokeless Tobacco Use (SLT)

- Private high school smokeless tobacco use decreased to 14.9% in the year 2003.
- Private middle school smokeless tobacco use continued to decline to an overall 6.2%.



**Access**

## Access

### Access to Tobacco Among Public High School Students

	1998	1999	2000	2002***	2003
During the past 30 days, how did you usually get your own cigarettes?					
a. I bought them in a store such as a convenience store.	43.9 ± 6.7	22.3 ± 6.2*	22.9 ± 5.1	19.4 ± 4.3	18.6 ± 2.0
b. I bought them from a vending machine.	2.2 ± 1.5	1.2 ± 1.2	2.4 ± 1.7	3.0 ± 2.6	1.9 ± 0.8
c. I gave someone else money to buy them for me.	21.0 ± 4.6	37.1 ± 5.7*	30.9 ± 4.6	32.5 ± 4.3	28.2 ± 2.5
d. I borrowed (or bummed) them from someone else.	19.6 ± 4.7	19.2 ± 3.1	21.2 ± 5.2	30.3 ± 4.4	25.0 ± 2.2
e. A person 18 years old or older gave them to me.	7.8 ± 2.5	7.2 ± 2.3	11.4 ± 3.9	9.6 ± 3.6	10.0 ± 2.0
f. I took them from a store or family member.	N / A	N / A	3.7 ± 2.1	5.1 ± 2.1	5.9 ± 1.1
g. I got them some other way.**	5.4 ± 2.5	13.0 ± 4.4*	7.6 ± 2.1	N/A	10.4 ± 1.6
Current smokers who tried to buy cigarettes in the past 30 days who were refused cigarette sales because of their age.	35.1 ± 8.2	46.5 ± 7.1	37.6 ± 5.3	32.6 ± 7.6	30.0 ± 3.0
*Significant change from the previous year of data **Years 1998 and 1999 are not comparable with subsequent years because the answer choices are not the same. ***Use caution when comparing year 2002 with other years due to the incomplete answer set.					

### Access to Tobacco Among Public Middle School Students

	1998	1999	2000	2002***	2003
During the past 30 days, how did you usually get your own cigarettes?					
a. I bought them in a store such as a convenience store.	13.3 ± 5.3	11.0 ± 4.1	6.1 ± 2.4	8.8 ± 4.6	6.2 ± 1.6
b. I bought them from a vending machine.	2.1 ± 1.8	1.5 ± 1.1	1.8 ± 1.7	3.5 ± 2.1	2.1 ± 1.0
c. I gave someone else money to buy them for me.	24.2 ± 5.3	25.7 ± 4.4	23.8 ± 5.9	20.4 ± 4.7	19.5 ± 3.4
d. I borrowed (or bummed) them from someone else.	20.1 ± 2.8	22.2 ± 4.4	26.5 ± 5.7	32.7 ± 6.7	24.4 ± 2.9
e. A person 18 years old or older gave them to me.	14.2 ± 3.4	12.2 ± 3.6	10.9 ± 3.9	19.2 ± 4.6	12.6 ± 2.2
f. I took them from a store or family member.	N / A	N / A	13.5 ± 4.5	15.5 ± 4.8	15.3 ± 2.6
g. I got them some other way.**	26.1 ± 4.4	27.4 ± 5.6	17.4 ± 5.0	N/A	19.8 ± 2.7
Current smokers who tried to buy cigarettes in the past 30 days who were refused cigarette sales because of their age.	N/A	N/A	N/A	34.5 ± 10.1	32.5 ± 5.2
*Significant change from the previous year of data **Years 1998 and 1999 are not comparable with subsequent years because the answer choices are not the same. ***Use caution when comparing year 2002 with other years due to the incomplete answer set.					



## Access to Tobacco Among Private High School Students

	1998	1999	2000	2003
During the past 30 days, how did you usually get your own cigarettes?				
a. I bought them in a store such as a convenience store.	47.1±6.6	27.5 ± 4.9*	26.0 ± 4.4	22.5 ± 6.9
b. I bought them from a vending machine.	1.2 ± 1.6	1.1 ± 0.8	2.2 ± 1.7	3.6 ± 2.9
c. I gave someone else money to buy them for me.	23.8 ± 6.5	31.2 ± 5.7	32.7 ± 4.9	31.1 ± 8.8
d. I borrowed (or bummed) them from someone else.	19.2 ± 4.7	25.8 ± 4.7	26.8 ± 5.7	29.4 ± 6.6
e. A person 18 years old or older gave them to me.	4.6 ± 1.8	6.0 ± 2.8	5.1 ± 2.2	5.3 ± 2.3
f. I took them from a store or family member.	N / A	N / A	2.2 ± 2.0	2.2 ± 1.5
g. I got them some other way.**	4.2 ± 2.3	8.4 ± 2.3	5.2 ± 1.6	5.9 ± 3.1
Current smokers who tried to buy cigarettes in the past 30 days who were refused cigarette sales because of their age.	41.3 ± 9.3	48.8 ± 7.5	44.3 ± 6.4	30.1 ± 12.5
*Significant change from the previous year of data. **Responses for years 1998 and 1999 are not comparable with subsequent years because the additional answer choices were not equivalent.				

## Access to Tobacco Among Private Middle School Students

	1998	1999	2000	2003
During the past 30 days, how did you usually get your own cigarettes?				
a. I bought them in a store such as a convenience store.			5.3 ± 2.9	11.4 ± 9.2
b. I bought them from a vending machine.			1.3 ± 1.8	1.1 ± 2.3
c. I gave someone else money to buy them for me.	N/A	N/A	33.7 ± 3.5	23.6 ± 17.6
d. I borrowed (or bummed) them from someone else.			28.3 ± 5.5	29.0 ± 15.2
e. A person 18 years old or older gave them to me.			6.6 ± 2.5	8.2 ± 6.1
f. I took them from a store or family member.			11.8 ± 3.6	4.8 ± 4.0
g. I got them some other way.**			13.0 ± 4.7	21.7 ± 16.4
Current smokers who tried to buy cigarettes in the past 30 days who were refused cigarette sales because of their age.	N/A	N/A	N/A	***
*Significant change from the previous year of data. **Responses for years 1998 and 1999 are not comparable with subsequent years because the additional answer choices were not equivalent.				

# **Environmental Tobacco Smoke**

## Environmental Tobacco Smoke

### Public High ETS

	1998	1999	2000	2002	2003
Students who were in the same room with someone who was smoking cigarettes on one or more of the past 7 days.	73.2 ± 3.5	74.5 ± 3.1	72.7 ± 3.2	N / A	59.0 ± 1.5*
Students who rode in a car with someone who was smoking cigarettes on one or more of the past 7 days.	60.6 ± 3.4	60.6 ± 3.0	59.9 ± 3.6	N / A	51.8 ± 1.6*
Students who live in a home where someone currently smokes.	45.5 ± 3.6	48.1 ± 2.3	48.9 ± 1.7	42.9 ± 2.7*	45.8 ± 1.4
Students reporting that smoking is not allowed in any part of their home.	N / A	N / A	N / A	70.5 ± 2.1	66.6 ± 1.2*
Students reporting that in their homes, smoking is never allowed in the presence of children.	N / A	N / A	N / A	67.3 ± 2.7	62.5 ± 1.4*
Students reporting that people under 18 are never allowed to smoke cigarettes in their home.	N / A	N / A	N / A	83.9 ± 1.5	81.1 ± 1.2*
Of students who work in indoor areas with an official smoking policy, those who report that smoking is not allowed in any areas.	N / A	N / A	N / A	N / A	57.0 ± 2.3
Of students working in a place with an official smoking policy, those that report that this policy is strictly enforced.	N / A	N / A	N / A	36.0 ± 4.4	39.4 ± 3.3
*Significant change from the previous year of data					

### Public Middle ETS

	1998	1999	2000	2002	2003
Students who were in the same room with someone who was smoking cigarettes on one or more of the past 7 days.	63.4 ± 2.7	61.4 ± 2.4	62.7 ± 2.6	N / A	46.6 ± 2.0*
Students who rode in a car with someone who was smoking cigarettes on one or more of the past 7 days.	54.5 ± 2.7	53.2 ± 2.1	55.4 ± 2.4	N / A	43.3 ± 1.7*
Students who live in a home with where someone currently smokes.	40.6 ± 3.3	45.7 ± 2.6	51.3 ± 3.2	51.7 ± 2.3	45.6 ± 1.6*
Students reporting that smoking is not allowed in any part of their home.	N / A	N / A	N / A	68.0 ± 2.1	69.5 ± 1.9
Students reporting that in their homes, smoking is never allowed in the presence of children.	N / A	N / A	N / A	69.5 ± 2.1	70.9 ± 1.5
Students reporting that people under 18 are never allowed to smoke cigarettes in their home.	N / A	N / A	N / A	85.0 ± 2.2	85.2 ± 1.6
*Significant change from the previous year of data					

## Environmental Tobacco Smoke

### Private High ETS

	1998	1999	2000	2003
Students who were in the same room with someone who was smoking cigarettes on one or more of the past 7 days.	76.0 ± 4.4	75.2 ± 2.7	80.7 ± 3.0	56.7 ± 6.4*
Students who rode in a car with someone who was smoking cigarettes on one or more of the past 7 days.	60.5 ± 6.7	61.2 ± 2.8	64.1 ± 5.5	45.1 ± 8.0*
Students who live in a home where someone currently smokes.	34.7 ± 4.6	35.3 ± 2.8	35.0 ± 2.4	32.3 ± 3.1
Students reporting that smoking is not allowed in any part of their home.	N / A	N / A	N / A	76.3 ± 3.0
Students reporting that in their homes, smoking is never allowed in the presence of children.	N / A	N / A	N / A	65.7 ± 3.6
Students reporting that people under 18 are never allowed to smoke cigarettes in their home.	N / A	N / A	N / A	85.2 ± 4.4
Of students who work in indoor areas with an official smoking policy, those who report that smoking is not allowed in any areas.	N / A	N / A	N / A	62.2 ± 7.8
Of students working in a place with an official smoking policy, those that report that this policy is strictly enforced.	N / A	N / A	N / A	46.9 ± 6.7
*Significant change from the previous year of data				

### Private Middle ETS

	1998	1999	2000	2003
Students who were in the same room with someone who was smoking cigarettes on one or more of the past 7 days.	N / A	N / A	63.1 ± 4.9	41.5 ± 3.7*
Students who rode in a car with someone who was smoking cigarettes on one or more of the past 7 days.	N / A	N / A	45.0 ± 3.3	32.2 ± 4.5*
Students who live in a home where someone currently smokes.	N / A	N / A	37.7 ± 2.8	31.9 ± 5.1
Students reporting that smoking is not allowed in any part of their home.	N / A	N / A	N / A	80.1 ± 3.7
Students reporting that in their homes, smoking is never allowed in the presence of children.	N / A	N / A	N / A	72.6 ± 3.9
Students reporting that people under 18 are never allowed to smoke cigarettes in their home.	N / A	N / A	N / A	92.8 ± 1.7
*Significant change from the previous year of data				

# Awareness

## Awareness

### Public High Awareness

	1998	1999	2000	2002	2003
<b>CURRENT</b> smokers who believe people get addicted to using tobacco just like they can get addicted to using cocaine or heroin.	91.1 ± 2.8	93.9 ± 2.4	89.3 ± 3.5	81.0 ± 4.4*	82.5 ± 2.4
<b>NEVER</b> smokers who believe people get addicted to using tobacco just like they can get addicted to using cocaine and heroin.	97.7 ± 2.2	98.3 ± 0.9	96.5 ± 1.3	94.3 ± 2.6	93.8 ± 3.7
<b>CURRENT</b> smokers who believe young people who smoke cigarettes have more friends.	34.8 ± 5.4	30.1 ± 4.4	24.8 ± 3.7	42.1 ± 6.3*	28.6 ± 5.6*
<b>NEVER</b> smokers who believe young people who smoke cigarettes have more friends.	28.5 ± 6.0	19.4 ± 2.7*	19.1 ± 3.9	22.4 ± 4.1	11.4 ± 3.9*
<b>CURRENT</b> smokers who believe smoking cigarettes makes young people look cool or fit in.	27.5 ± 4.9	26.1 ± 4.9	22.3 ± 3.6	24.4 ± 4.1	21.1 ± 4.0
<b>NEVER</b> smokers who believe smoking cigarettes makes young people look cool or fit in.	11.7 ± 4.2	9.4 ± 2.3	12.3 ± 3.5	9.9 ± 2.1	8.3 ± 2.2
Of <b>ALL</b> students surveyed, those who believe it is safe to smoke for only a year or two, as long as they quit after that.	N/A	N/A	20.6 ± 3.0	18.8 ± 2.5	14.9 ± 2.8
<b>CURRENT</b> smokers who believe it is to smoke for only a year or two, as long as they quit after that.	N/A	N/A	35.0 ± 5.4	30.1 ± 5.4	30.7 ± 6.1
<b>CURRENT</b> smokers who believe smoke from other people's cigarettes is harmful.	N/A	N/A	91.1 ± 2.2	81.8 ± 4.6*	86.2 ± 3.9
*Significant change from the previous year of data					

### Public Middle Awareness

	1998	1999	2000	2002	2003
<b>CURRENT</b> smokers who believe people get addicted to using tobacco just like they can get addicted to using cocaine or heroin.	86.1 ± 3.8	94.5 ± 1.9*	89.6 ± 4.4	85.8 ± 3.2	81.8 ± 3.2
<b>NEVER</b> smokers who believe people get addicted to using tobacco just like they can get addicted to using cocaine and heroin.	94.0 ± 2.2	94.5 ± 1.9	93.8 ± 3.0	93.0 ± 1.8	88.5 ± 1.5*
<b>CURRENT</b> smokers who believe young people who smoke cigarettes have more friends.	64.8 ± 7.3	59.2 ± 3.5	45.9 ± 6.7*	54.7 ± 5.8	50.9 ± 3.1
<b>NEVER</b> smokers who believe young people who smoke cigarettes have more friends.	30.8 ± 4.2	25.6 ± 3.8	21.0 ± 4.1	22.4 ± 2.1	19.2 ± 1.9
<b>CURRENT</b> smokers who believe smoking cigarettes makes young people look cool or fit in.	43.7 ± 8.0	38.5 ± 5.6	31.7 ± 6.4	38.5 ± 3.6	34.1 ± 3.8
<b>NEVER</b> smokers who believe smoking cigarettes makes young people look cool or fit in.	16.3 ± 2.7	11.6 ± 2.4	9.7 ± 2.4	11.4 ± 2.0	8.5 ± 1.1
Of <b>ALL</b> students surveyed, those who believe it is safe to smoke for only a year or two, as long as they quit after that.	N / A	N / A	17.4 ± 1.6	18.6 ± 3.0	11.6 ± 1.0*
<b>CURRENT</b> smokers who believe it is safe to smoke for only a year or two, as long as they quit after that.	N / A	N / A	33.9 ± 2.8	38.2 ± 6.4	27.6 ± 3.2*
<b>CURRENT</b> smokers who believe smoke from other people's cigarettes is harmful.	N / A	N / A	89.5 ± 2.5	79.8 ± 4.5	87.2 ± 1.3*
*Significant change from the previous year of data					

### Private High Awareness

	1998	1999	2000	2003
<b>CURRENT</b> smokers who believe people get addicted to using tobacco just like they can get addicted to using cocaine or heroin.	91.1 ±2.8	93.9 ± 2.4	89.3 ± 3.5	82.5 ± 2.4*
<b>NEVER</b> smokers who believe people get addicted to using tobacco just like they can get addicted to using cocaine and heroin.	97.7 ± 2.2	98.3 ± 0.9	96.5 ±1.3	93.8 ± 3.7
<b>CURRENT</b> smokers who believe young people who smoke cigarettes have more friends.	34.8 ± 5.4	30.1 ±4.4	24.8 ± 3.7	28.6 ± 5.6
<b>NEVER</b> smokers who believe young people who smoke cigarettes have more friends.	28.5 ± 6.0	19.4 ±2.7*	19.1 ±3.9	11.4 ± 3.9
<b>CURRENT</b> smokers who believe smoking cigarettes makes young people look cool or fit in.	27.5 ±4.9	26.1 ±4.9	22.3 ± 3.6	21.1 ±4.0
<b>NEVER</b> smokers who believe smoking cigarettes makes young people look cool or fit in.	11.7 ±4.2	9.4 ± 2.3	12.3 ±3.5	8.3 ± 2.2
Of <b>ALL</b> students surveyed, those who believe it is safe to smoke or only a year or two, as long as they quit after that.	N / A	N / A	20.6 ± 3.0	14.9 ±2.8
<b>CURRENT</b> smokers who believe it is safe to smoke for only a year or two, as long as they quit after that.	N / A	N / A	35.0 ± 5.4	30.7 ±6.1
<b>CURRENT</b> smokers who believe smoke from other people's cigarettes is harmful.	N / A	N / A	91.1± 2.2	86.2 ± 3.9
*Significant change from the previous year of data				

### Private Middle Awareness

	1998	1999	2000	2003
<b>CURRENT</b> smokers who believe people get addicted to using tobacco just like they can get addicted to using cocaine or heroin.	N/A	N/A	91.4 ± 3.0	80.3 ± 7.7*
<b>NEVER</b> smokers who believe people get addicted to using tobacco just like they can get addicted to using cocaine and heroin.	N/A	N/A	97.3 ± 0.9	94.1 ±1.3*
<b>CURRENT</b> smokers who believe young people who smoke cigarettes have more friends.	N/A	N/A	41.5 ± 8.0	51.2 ± 9.1
<b>NEVER</b> smokers who believe young people who smoke cigarettes have more friends.	N/A	N/A	14.8 ± 2.7	14.1 ± 3.1
<b>CURRENT</b> smokers who believe smoking cigarettes makes young people look cool or fit in.	N/A	N/A	28.3 ± 5.8	39.2 ± 8.9
<b>NEVER</b> smokers who believe smoking cigarettes makes young people look cool or fit in.	N/A	N/A	7.3 ± 2.8	8.9 ± 2.7
Of <b>All</b> students surveyed, those who believe young people risk harming themselves if they smoke from 1-5 cigarettes per day.	N/A	N/A	92.3 ±1.1	N/A
Of <b>ALL</b> students surveyed, those who believe it is safe to smoke for only a year or two, as long as they quit after that.	N/A	N/A	14.8 ± 2.4	6.1 ± 1.7*
<b>CURRENT</b> smokers who believe it is safe to smoke for only a year or two, as long as they quit after that.	N/A	N/A	36.7 ± 9.1	25.3 ± 12.1
Current smokers who believe they would be able to quit smoking cigarettes now if they wanted to .	N/A	N/A	78.9 ± 5.1	N/A
<b>CURRENT</b> smokers who believe smoke from other people's cigarettes is harmful.	N/A	N/A	92.3 ± 1.4	93.9 ± 2.4
*Significant change from the previous year of data				

# Influence



## Influence of Friends and Adults

### Public High Influence

	1998	1999	2000	2002	2003
Current smokers whose parents know they smoke.	46.5 ± 4.8	55.8 ± 3.9*	52.7 ± 4.6	51.1 ± 5.4	47.4 ± 2.6
Current smokers whose parents ever told them not to smoke cigarettes.	81.9 ± 3.6	84.5 ± 3.9	82.5 ± 2.0	N / A	N / A
Students whose parents or guardians discussed the dangers of tobacco use with them.	N/A	N / A	68.8 ± 2.2	67.2 ± 2.5	70.2 ± 1.1
Of students who have visited a doctor in the past 12 months, those whose doctor or someone in a doctor's office talked to them about the dangers of tobacco use	N / A	N / A	19.0 ± 2.9	N/A	20.1 ± 1.3
Of students who have visited a dentist in the past 12 months, those whose dentist or someone in a dentist's office talked to them about the dangers of tobacco use	N / A	N / A	19.1 ± 3.0	N/A	16.7 ± 1.1
Of ALL surveyed, those who have one or more of their four closest friends who smoke cigarettes	48.1 ± 3.9	50.7 ± 3.9	59.6 ± 3.4*	55.2 ± 2.3	56.9 ± 1.4
Never smokers who would smoke if one of their best friends offered them a cigarette.	6.3 ± 2.5	2.4 ± 2.2	1.6 ± 1.2	2.9 ± 1.0	2.8 ± 0.6
*Significant change from the previous year of data					

### Private High Influence

	1998	1999	2000	2003
Current smokers whose parents know they smoke.	43.3 ± 3.7	44.5 ± 4.7	44.3 ± 7.0	42.7 ± 7.6
Current smokers whose parents ever told them not to smoke cigarettes.	84.2 ± 2.2	88.7 ± 1.9*	90.3 ± 2.0	N / A
Students whose parents or guardians discussed the dangers of tobacco use with them.	N / A	N / A	73.3 ± 2.9	74.0 ± 2.8
Of students who have visited a doctor in the past 12 months, those whose doctor or someone in a doctor's office talked to them about the dangers of tobacco use	N / A	N / A	12.8 ± 2.8	15.3 ± 4.4
Of students who have visited a dentist in the past 12 months, those whose dentist or someone in a dentist's office talked to them about the dangers of tobacco use	N / A	N / A	10.5 ± 1.9	12.4 ± 3.1
Of ALL surveyed, those who have one or more of their four closest friends who smoke cigarettes	58.6 ± 5.9	59.9 ± 2.3	74.0 ± 4.8*	62.5 ± 5.9*
Of ALL surveyed, those who have one or more of their four closest friends who chew tobacco, snuff or dip	40.8 ± 5.8	37.5 ± 5.0	56.2 ± 4.0*	N / A
Never smokers who would smoke if one of their best friends offered them a cigarette.	3.4 ± 1.8	1.8 ± 1.5	2.9 ± 1.9	1.9 ± 1.2
*Significant change from the previous year of data				

# Curriculum

## Curriculum

### Public High Curriculum

	1998	1999	2000	2002	2003
Students who report smoking cigarettes on <u>school property</u> during the past 30 days.	9.2 ± 1.9	11.9 ± 2.2	9.9 ± 2.1	8.4 ± 1.5	7.3 ± 1.0
During the school year, students who were taught in any classes about tobacco use.	37.6 ± 4.3	41.8 ± 6.3	46.2 ± 6.4	N/A	38.8 ± 2.1
During this school year, students who practiced ways to say NO to tobacco in classes.	17.2 ± 2.6	19.1 ± 3.9	23.6 ± 4.5	N/A	18.9 ± 1.4
*Significant change from the previous year of data					

### Public Middle Curriculum

	1998	1999	2000	2002	2003
Students who report smoking cigarettes on <u>school property</u> during the past 30 days	8.3 ± 2.6	N / A	4.7 ± 1.2	3.9 ± 1.8	3.2 ± 0.7
During the school year, students who were taught in any classes about tobacco use.	52.1 ± 5.4	52.6 ± 6.4	61.9 ± 6.8	N / A	50.3 ± 3.8*
During this school year, students who practiced ways to say NO to tobacco in classes.	38.0 ± 4.5	35.3 ± 6.6	40.6 ± 3.6	N / A	33.1 ± 3.3
*Significant change from the previous year of data					

### Private High Curriculum

	1998	1999	2000	2003
Students who report smoking cigarettes on <u>school property</u> during the past 30 days.	9.8 ± 3.3	8.2 ± 1.8	10.5 ± 2.4	8.0 ± 3.1
During the school year, students who were taught in any classes about tobacco use.	24.1 ± 6.3	28.3 ± 7.3	28.0 ± 6.3	31.5 ± 5.9
During this school year, students who practiced ways to say NO to tobacco in classes.	5.8 ± 1.3	8.6 ± 3.5	9.3 ± 1.6	10.3 ± 3.5
*Significant change from the previous year of data				

### Private Middle Curriculum

	1998	1999	2000	2003
Students who report smoking cigarettes on <u>school property</u> during the past 30 days.	N/A	N/A	2.2 ± 1.2	1.5 ± 1.2
During the school year, students who were taught in any classes about tobacco use.	N/A	N/A	37.4 ± 11.4	45.3 ± 6.0
During this school year, students who practiced ways to say NO to tobacco in classes.	N/A	N/A	22.1 ± 5.0	19.0 ± 3.4

# Cessation

## Cessation

### Public High Cessation

	1998	1999	2000	2002	2003
<b>CURRENT</b> smokers who report wanting to stop smoking cigarettes.	N / A	N / A	52.4 ± 9.0	60.4 ± 3.6	51.7 ± 2.6*
<b>CURRENT</b> smokers who, during the past 12 months, tried to quit smoking cigarettes.	53.7 ± 4.5	55.8 ± 4.1	51.3 ± 7.8	N / A	47.2 ± 4.5
*Significant change from the previous year of data					

### Public Middle Cessation

	1998	1999	2000	2002	2003
<b>CURRENT</b> smokers who report wanting to stop smoking cigarettes.	N / A	N / A	60.5 ± 9.6	49.1 ± 7.3	50.1 ± 4.9
<b>CURRENT</b> smokers who, during the past 12 months, tried to quit smoking cigarettes.	N/A	N/A	64.6 ± 5.8	N / A	66.9 ± 2.5
*Significant change from the previous year of data					

### Private High Cessation

	1998	1999	2000	2003
<b>CURRENT</b> smokers who report wanting to stop smoking cigarettes.	N / A	N / A	52.4 ± 9.0	38.8 + 7.5
<b>CURRENT</b> smokers who, during the past 12 months, tried to quit smoking cigarettes.	53.7 ± 4.5	55.8 ± 4.1	51.3 + 7.8	47.2 ± 4.5
*Significant change from the previous year of data				

### Private Middle Cessation

	1998	1999	2000	2003
<b>CURRENT</b> smokers who report wanting to stop smoking cigarettes.	N / A	N / A	57.9 ± 4.6	58.2 ± 9.1
<b>CURRENT</b> smokers who, during the past 12 months, tried to quit smoking cigarettes.	N/A	N/A	62.9 ± 6.4	68.0 ± 13.5
*Significant change from the previous year of data				

# Susceptibility

## Susceptibility

	Public High School	Public Middle School	Private High School	Private Middle School
<b>Percent of students who reported Never Smoked that are susceptible to start smoking based on question response.</b>				
<b>Overall Total</b>	<b>21.7 ±1.5</b>	<b>21.3 ±1.5</b>	<b>22.9 ± 5.2</b>	<b>24.1 ±4.1</b>
<b>Sex</b>				
Female	20.5±1.8	20.2 ±1.9	19.0 ± 5.8	23.6 ±5.8
Male	23.2 ± 2.1	22.6 ± 2.0	27.2 ±6.2	24.5 ± 3.4
<b>Race</b>				
White	21.6 ± 2.1	18.9 ±1.7	22.9 ±5.8	24.8 ± 5.0
Black	21.7 ± 2.4	23.2 ± 2.5	23.2 ± 9.0	*
Hispanic	19.6 ±7.0	32.0 ±5.7	*	*
Other	23.7 ±8.1	23.4 ± 5.8	*	14.7 ±7.8
<b>Grade</b>				
6th		18.6±1.8		18.8 ±4.3
7th		22.0 ± 1.6		22.8 ± 4.5
8th		24.1 ±3.5		31.0 ±8.9
9th	26.3 ± 2.6		24.0 ± 10.4	
10th	22.1 ± 2.7		27.1 ± 6.0	
11th	18.8 ±3.7		19.0±11.1	
12th	16.0 ±3.2		19.3 ± 8.3	

<b>Susceptibility to Smoking Index</b>	
<b>Classification of Smoking Status</b>	<b>Criteria</b>
Never Smoker/Non-susceptible	<p>Has never smoked even a puff of a cigarette and meets all three of the following criteria:</p> <ol style="list-style-type: none"> <li>1) Responded 'no' to the question- Do you think you will try a cigarette soon?</li> <li>2) Responded 'definitely not' to the question 'Do you think you will smoke a cigarette at anytime during the next year?'</li> <li>3) Responded 'definitely not' to the question 'If one of your best friends offered you a cigarette, would you smoke it?'</li> </ol>
Never-smoker/Susceptible	<p>Has never smoked even a puff of a cigarette and meets ONE of the following three criteria:</p> <ol style="list-style-type: none"> <li>1) Responded 'yes' to the question- 'Do you think you will try a cigarette soon?'</li> <li>2) Responded 'definitely yes' or 'probably yes' or 'probably not' to the question 'Do you think you will smoke a cigarette at anytime during the next year?'</li> <li>3) Responded 'definitely yes' or 'probably yes' or 'probably not' to the question 'If one of your best friends offered you a cigarette, would you smoke it?'</li> </ol>
Experimenter	Has smoked at least a puff but less than 100 cigarettes in entire life
Established Smoker	Has smoked 100 cigarettes or more in entire life

# Appendix



	Current Cigarette Use															
	Public High School					Public Middle School					Private High School				Private Middle School	
	1998	1999	2000	2002***	2003	1998	1999	2000	2002***	2003	1998	1999	2000	2003	2000	2003
<b>Total</b>	30.3 ± 3.8	32.5 ± 3.3	29.2 ± 3.6	23.1 ± 2.6	23.4 ± 1.5	20.6 ± 2.7	23.0 ± 3.2	18.1 ± 2.3	11.9 ± 1.6*	11.0 ± 1.2	39.0 ± 5.3	38.6 ± 2.2	41.7 ± 5.3	26.3 ± 5.7*	14.2 ± 2.3	6.2 ± 3.6*
<b>Sex</b>																
Female	27.1 ± 4.5	30.7 ± 5.2	26.2 ± 5.9	21.1 ± 3.6	20.6 ± 2.0	18.2 ± 4.1	19.4 ± 2.6	16.9 ± 2.6	11.5 ± 2.0*	9.8 ± 1.3	36.3 ± 6.3	36.6 ± 3.4	41.5 ± 7.9	24.6 ± 5.1*	9.1 ± 4.1	5.1 ± 3.4
Male	33.9 ± 3.9	34.4 ± 4.2	32.3 ± 4.6	25.1 ± 3.1	26.0 ± 1.9	23.0 ± 3.0	26.1 ± 4.8	19.2 ± 3.5	12.1 ± 1.8*	12.0 ± 1.4	41.6 ± 5.1	41.1 ± 4.8	42.0 ± 5.5	26.9 ± 7.5*	19.1 ± 3.7	7.3 ± 4.4*
<b>Race</b>																
White	43.8 ± 4.0	42.7 ± 4.8	41.7 ± 5.9	29.3 ± 2.7*	31.0 ± 2.3	22.8 ± 3.9	23.4 ± 3.7	20.9 ± 3.6	13.3 ± 2.0*	10.7 ± 1.5	38.9 ± 5.3	39.5 ± 2.2	42.7 ± 5.8	27.3 ± 6.0*	14.1 ± 2.5	4.8 ± 1.7*
Black	14.2 ± 2.5	16.6 ± 3.2	13.3 ± 3.0	16.7 ± 4.0	14.1 ± 1.4	17.6 ± 3.4	21.8 ± 5.0	15.0 ± 3.5	8.8 ± 2.9	10.8 ± 1.4	14.0 ± 14.6	5.6 ± 5.8	**	10.5 ± 5.7	7.2 ± 10.8	6.4 ± 9.4
<b>Grade</b>																
6						11.9 ± 2.3	17.7 ± 4.5	13.6 ± 4.2	8.8 ± 2.1	7.1 ± 1.3					4.7 ± 3.7	1.2 ± 1.6
7						21.8 ± 6.5	21.8 ± 4.1	22.0 ± 2.7	14.9 ± 2.7*	10.8 ± 1.8					14.0 ± 4.2	6.2 ± 5.8
8						25.8 ± 4.7	29.0 ± 5.2	18.5 ± 4.1	14.7 ± 3.7	14.9 ± 1.8					22.7 ± 6.2	10.6 ± 4.9*
9	27.6 ± 5.0	28.2 ± 4.1	25.3 ± 5.3	20.0 ± 4.4	22.4 ± 2.6						30.4 ± 6.9	32.3 ± 4.5	22.4 ± 8.4	20.0 ± 11.0		
10	31.4 ± 6.6	30.3 ± 5.6	27.6 ± 5.5	19.7 ± 2.7	21.8 ± 2.4						37.3 ± 9.2	37.4 ± 6.7	46.7 ± 4.7	21.6 ± 7.9*		
11	33.5 ± 6.4	38.3 ± 8.3	32.9 ± 8.5	27.1 ± 5.9	24.2 ± 2.8						42.9 ± 8.8	43.4 ± 4.5	44.2 ± 7.6	25.8 ± 8.0*		
12	29.4 ± 6.8	35.1 ± 6.7	32.6 ± 8.9	26.6 ± 5.8	25.5 ± 2.4						46.6 ± 7.0	41.7 ± 5.3	55.4 ± 11.7	38.5 ± 9.4		
***2002 data is from the Mississippi Youth Social Climate Survey ** Data suppressed due to small cell size *Significant change from the previous year of data.																

	Frequent Cigarette Use															
	Public High School					Public Middle School					Private High School				Private Middle School	
	1998	1999	2000	2002***	2003	1998	1999	2000	2002***	2003	1998	1999	2000	2003	2000	2003
<b>Total</b>	14.3 ± 2.5	16.6 ± 3.0	13.8 ± 3.0	9.0 ± 1.6	10.1 ± 1.0	5.2 ± 1.7	4.8 ± 1.2	3.8 ± 1.1	2.7 ± 0.9	2.3 ± 0.4	18.3 ± 3.0	17.0 ± 1.8	18.5 ± 3.2	10.8 ± 3.1*	2.9 ± 0.7	1.3 ± 0.6*
<b>Sex</b>																
Female	11.6 ± 2.3	16.9 ± 4.2	12.5 ± 3.6	7.8 ± 1.9	9.1 ± 1.2	3.6 ± 1.9	3.6 ± 1.0	3.6 ± 1.2	2.2 ± 0.8	1.6 ± 0.5	17.4 ± 3.9	16.8 ± 2.4	19.0 ± 6.0	7.9 ± 3.6*	1.6 ± 1.1	1.1 ± 0.7
Male	17.3 ± 3.4	16.1 ± 3.6	15.1 ± 3.3	10.4 ± 2.5	11.0 ± 1.4	6.8 ± 2.2	5.9 ± 1.9	4.1 ± 1.3	3.2 ± 1.2	2.9 ± 0.6	19.3 ± 2.4	17.4 ± 3.3	18.2 ± 2.8	13.2 ± 4.4	4.2 ± 1.2	1.4 ± 0.6*
<b>Race</b>																
White	23.2 ± 4.0	24.8 ± 4.3	21.6 ± 4.4	13.9 ± 2.2*	14.9 ± 1.7	6.4 ± 2.6	6.9 ± 1.6	5.9 ± 1.9	3.8 ± 1.6	2.8 ± 0.7	18.1 ± 3.4	17.4 ± 2.1	19.0 ± 3.7	11.5 ± 3.5*	2.9 ± 0.8	1.2 ± 0.5*
Black	3.4 ± 1.5	4.1 ± 1.2	4.3 ± 2.1	4.4 ± 1.7	4.1 ± 0.8	2.6 ± 1.3	1.7 ± 1.2	1.7 ± 0.9	1.4 ± 0.8	1.6 ± 0.5	14.0 ± 14.6	1.5 ± 3.0	**	4.3 ± 4.9	**	0.0 ± 0.0
<b>Grade</b>																
6						1.2 ± 0.8	2.7 ± 1.5	2.8 ± 2.1	1.3 ± 0.8	1.3 ± 0.4					0.3 ± 0.6	0.0 ± 0.0
7						5.1 ± 2.3	4.1 ± 1.9	4.0 ± 1.8	3.4 ± 1.0	1.8 ± 0.4*					3.1 ± 1.2	1.3 ± 1.2
8						7.1 ± 3.5	7.5 ± 2.1	4.8 ± 1.5	5.2 ± 2.2	3.8 ± 1.0					5.0 ± 2.4	2.3 ± 1.3
9	8.0 ± 2.9	12.0 ± 3.8	11.1 ± 5.1	7.7 ± 2.7	7.5 ± 1.5						9.4 ± 3.3	11.7 ± 3.9	8.2 ± 5.3	6.0 ± 5.1		
10	16.7 ± 5.4	14.8 ± 4.0	14.3 ± 4.8	7.8 ± 1.9	8.6 ± 1.3						14.3 ± 3.7	13.2 ± 3.3	16.8 ± 4.4	8.5 ± 3.9		
11	17.9 ± 6.0	20.2 ± 9.0	17.0 ± 6.3	7.9 ± 3.3	11.2 ± 1.9						25.8 ± 8.0	22.2 ± 4.9	22.6 ± 5.7	10.3 ± 4.6*		
12	16.1 ± 5.8	21.8 ± 7.0	13.9 ± 5.9	12.8 ± 3.8	14.5 ± 2.1						24.5 ± 7.9	21.4 ± 4.1	27.7 ± 7.4	19.1 ± 7.1		
***2002 data is from the Mississippi Youth Social Climate Survey **Data suppressed due to small cell size *Significant change from the previous year of data																

	Ever Smoked a Cigarette Even One or Two Puffs															
	Public High School					Public Middle School					Private High School				Private Middle School	
	1998	1999	2000	2002***	2003	1998	1999	2000	2002***	2003	1998	1999	2000	2003	2000	2003
<b>Total</b>	75.6 ± 2.7	77.2 ± 2.4	71.5 ± 2.2*	61.5 ± 2.5*	60.7 ± 1.7	54.3 ± 3.8	57.2 ± 4.2	53.4 ± 3.3	40.9 ± 3.5*	36.3 ± 2.5	73.3 ± 4.9	73.2 ± 2.5	70.5 ± 3.9	56.1 ± 6.4*	41.7 ± 4.2	19.6 ± 4.8*
<b>Sex</b>																
Female	72.6 ± 3.3	73.6 ± 3.9	70.0 ± 4.0	59.3 ± 2.9*	57.4 ± 2.6	51.2 ± 4.9	53.7 ± 5.1	48.6 ± 3.4	38.5 ± 4.6*	33.6 ± 2.7	67.2 ± 7.2	70.4 ± 3.6	67.8 ± 6.8	49.2 ± 8.0*	36.8 ± 5.7	19.1 ± 5.2*
Male	78.7 ± 3.0	80.9 ± 3.1	73.1 ± 2.9*	64.0 ± 3.7*	64.2 ± 1.8	57.3 ± 4.0	60.3 ± 4.9	58.1 ± 4.8	43.5 ± 3.2*	39.0 ± 2.9	78.8 ± 2.2	76.7 ± 2.5	72.9 ± 3.6	62.0 ± 6.4*	46.3 ± 5.3	20.0 ± 6.1*
<b>Race</b>																
White	79.4 ± 2.9	81.0 ± 3.2	75.5 ± 4.9	61.4 ± 3.5*	63.1 ± 2.1	52.0 ± 5.1	55.7 ± 3.2	50.1 ± 4.6	39.4 ± 3.6*	33.3 ± 3.0	73.1 ± 4.8	73.4 ± 2.8	70.7 ± 4.2	56.5 ± 7.2*	42.4 ± 4.1	17.8 ± 3.6*
Black	70.6 ± 4.0	72.3 ± 4.4	65.9 ± 3.8	61.1 ± 3.8	57.5 ± 2.7	56.3 ± 6.5	58.3 ± 7.6	56.7 ± 7.9	41.8 ± 5.8*	39.3 ± 2.7	79.1 ± 12.9	69.7 ± 9.6	55.9 ± 9.9	42.6 ± 9.5	18.2 ± 11.1	21.5 ± 13.4
<b>Grade</b>																
6						41.8 ± 4.5	45.1 ± 5.2	40.5 ± 7.3	32.8 ± 4.9	25.5 ± 3.1					25.5 ± 9.0	7.3 ± 3.3*
7						55.0 ± 6.7	59.4 ± 5.7	57.9 ± 5.8	46.9 ± 5.1*	37.0 ± 3.5*					42.7 ± 9.0	21.2 ± 7.9*
8						64.0 ± 5.4	66.3 ± 6.2	61.4 ± 5.4	50.7 ± 4.5*	46.8 ± 2.6					54.4 ± 8.3	28.6 ± 6.8*
9	73.1 ± 3.8	75.2 ± 3.1	69.3 ± 3.5	54.5 ± 4.9*	57.9 ± 3.1						64.3 ± 7.1	68.6 ± 3.4	58.3 ± 9.2	47.6 ± 14.4		
10	75.0 ± 6.5	77.7 ± 6.8	69.3 ± 4.5	62.4 ± 3.7	59.6 ± 2.6						69.7 ± 8.6	73.5 ± 3.4	70.0 ± 6.1	50.6 ± 6.7*		
11	76.9 ± 4.6	75.8 ± 6.9	72.7 ± 8.3	65.0 ± 5.2	62.3 ± 2.9						77.5 ± 7.1	74.5 ± 4.4	75.5 ± 3.3	59.7 ± 7.9*		
12	78.2 ± 4.8	80.8 ± 4.6	75.9 ± 6.8	66.5 ± 4.1	64.5 ± 2.6						82.7 ± 2.6	76.3 ± 4.0	79.2 ± 8.0	66.9 ± 6.7		

\*\*\*2002 data is from the Mississippi Youth Social Climate Survey

\*Significant change from the previous year of data

	Current Smokeless Tobacco Use													
	Public High School				Public Middle School				Private High School				Private Middle School	
	1998	1999	2000	2003	1998	1999	2000	2003	1998	1999	2000	2003	2000	2003
Total	9.4 ± 2.6	9.6 ± 1.7	9.1 ± 2.3	10.4 ± 1.3	9.6 ± 1.9	9.1 ± 1.7	7.5 ± 2.0	6.4 ± 1.0	16.6 ± 4.7	14.6 ± 4.7	19.3 ± 4.2	14.9 ± 4.6	10.1 ± 2.4	6.2 ± 2.6
Sex														
Female	1.3 ± 1.3	1.7 ± 1.7	1.3 ± 0.8	2.8 ± 0.8	4.2 ± 1.6	3.5 ± 1.1	2.8 ± 1.1	2.8 ± 0.5	1.2 ± 1.2	2.3 ± 0.8	1.2 ± 0.9	2.3 ± 1.4	1.0 ± 1.0	1.5 ± 1.3
Male	18.1 ± 4.0	18.2 ± 3.1	16.9 ± 4.3	18.2 ± 2.3	14.8 ± 3.6	14.5 ± 3.0	11.8 ± 3.7	9.8 ± 1.9	31.1 ± 6.0	28.6 ± 7.1	35.0 ± 6.2	25.8 ± 6.9	18.7 ± 4.8	10.9 ± 5.5
Race														
White	16.0 ± 3.7	13.5 ± 2.4	14.6 ± 3.7	15.1 ± 2.0	12.7 ± 2.8	11.6 ± 2.4	11.6 ± 3.3	8.3 ± 1.9	16.6 ± 4.8	15.0 ± 4.9	18.9 ± 3.9	15.1 ± 4.9	10.2 ± 2.6	6.9 ± 3.0
Black	1.5 ± 1.2	2.9 ± 1.2	2.2 ± 0.9	4.6 ± 1.1*	4.8 ± 1.7	6.5 ± 2.2	2.7 ± 1.1*	3.8 ± 0.6	9.0 ± 8.1	4.2 ± 4.5	**	6.8 ± 7.5	3.8 ± 5.5	1.9 ± 3.8
Grade														
6					6.5 ± 2.3	9.5 ± 3.2	5.5 ± 2.0	5.4 ± 1.0					2.1 ± 1.9	2.7 ± 0.8
7					8.7 ± 3.5	7.6 ± 3.3	9.5 ± 3.8	5.8 ± 1.0					11.4 ± 3.7	4.7 ± 2.7
8					12.0 ± 3.8	10.1 ± 2.5	7.4 ± 2.4	7.8 ± 2.0					15.5 ± 5.2	10.6 ± 5.8
9	9.1 ± 3.2	8.8 ± 2.4	8.8 ± 3.5	10.0 ± 1.5					13.7 ± 8.4	13.5 ± 6.3	16.8 ± 5.4	18.2 ± 9.3		
10	11.7 ± 4.1	8.1 ± 2.4	7.8 ± 3.5	11.9 ± 2.0					15.9 ± 7.3	14.1 ± 5.0	17.1 ± 5.5	11.7 ± 5.1		
11	6.8 ± 4.5	9.8 ± 2.9	8.4 ± 4.4	10.0 ± 2.2					18.8 ± 5.1	14.3 ± 6.0	17.7 ± 4.0	11.4 ± 7.6		
12	8.6 ± 2.6	12.2 ± 5.7	11.6 ± 5.3	9.8 ± 1.9					18.1 ± 3.9	15.6 ± 5.3	25.0 ± 11.8	18.1 ± 4.8		
* Significant change from the previous year of data.														
** Data suppressed due to small cell size.														